



# DEPARTMENT OF CONSERVATION

## DIRECTOR'S OFFICE

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November 8, 2006

## NOTICE

**To:** All Interested Parties

**Subject:** Biannual Report of Beverage Container Sales, Returns, Redemption, and Recycling Rates

Public Resources Code Section 14551 requires the Department of Conservation to report biannually on the redemption and recycling rates for each six-month period within 130 days of the end of that period. Enclosed please find the Biannual Report of Redemption and Recycling Rates for the first six-month period January through June 2006.

The beverage container recycling rate for All Materials for the period January through June 2006 is 65 percent. Material specific recycling rates are as follows: aluminum 77 percent, glass 65 percent, #1 PET 50 percent, #2 HDPE 60 percent, #3 PVC 11 percent, #4 LDPE 0 percent, #5 PP 0 percent, #6 PS 1 percent, #7 Other 3 percent, and bimetal 8 percent.

Although the beverage container recycling rates for All Materials is the same as the January through June 2005 period, the number of beverage containers recycled has increased. During the six-month period of January through June 2006, Californians recycled nearly 6.2 billion beverage containers – nearly 300 million containers more than the same period last year.

If you have any questions or need additional information, please contact Chuck Seidler, Acting Assistant Director for the Division of Recycling, at (916) 323-3836.

Bridgett Luther  
Director

Enclosure

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# Biannual Report of Beverage Container Sales, Returns, Redemption & Recycling Rates

Table 1  
November 2, 2006



RATES			CONTAINERS			
ALUMINUM	Redemption	Recycling	Sales*	Recycled	Refillable	Postfilled
JAN - JUNE 2006	77	77	4,493,600,751	3,440,222,115	0	-29,112
JULY - DEC 2005	70	70	5,235,407,672	3,661,950,484	0	9,350,505
JAN - JUNE 2005	77	77	4,413,672,288	3,411,990,258	0	7,514,077
JULY - DEC 2004	72	72	5,226,291,924	3,752,335,959	0	649,278
JAN - JUNE 2004	80	80	4,537,901,585	3,609,379,317	0	2,663,663
<b>GLASS</b>						
JAN - JUNE 2006	74	65	1,555,413,419	1,017,100,511	600	178,033,639
JULY - DEC 2005	61	54	1,896,469,833	1,032,892,554	2,130	170,193,210
JAN - JUNE 2005	71	62	1,570,063,245	980,870,171	0	183,468,415
JULY - DEC 2004	60	53	1,883,201,039	1,006,459,575	68,451	172,781,792
JAN - JUNE 2004	67	59	1,596,067,315	949,538,523	60,416	169,308,088
<b>#1 PET</b>						
JAN - JUNE 2006	50	50	3,270,949,532	1,633,150,765	0	65,380,452
JULY - DEC 2005	43	43	3,907,877,724	1,682,184,895	0	66,559,300
JAN - JUNE 2005	49	49	2,951,017,756	1,442,406,857	0	64,038,059
JULY - DEC 2004	37	37	3,644,613,520	1,352,006,864	0	62,141,744
JAN - JUNE 2004	42	42	2,770,545,520	1,160,385,892	0	58,979,531
<b>#2 HDPE</b>						
JAN - JUNE 2006	174	60	175,760,364	105,607,769	0	204,703,844
JULY - DEC 2005	141	49	205,956,870	100,960,026	0	194,600,776
JAN - JUNE 2005	159	53	184,653,264	98,486,320	0	199,113,532
JULY - DEC 2004	135	48	215,990,616	104,716,645	0	192,743,053
JAN - JUNE 2004	127	45	209,903,820	94,035,775	0	177,599,657
<b>#3 PVC</b>						
JAN - JUNE 2006	11	11	147,100	15,739	0	513
JULY - DEC 2005	14	14	249,462	35,519	0	1,206
JAN - JUNE 2005	0	0	320,799	1,078	0	487
JULY - DEC 2004	2	2	425,884	9,790	0	196
JAN - JUNE 2004	8	7	496,804	35,696	0	3,523
<b>#4 LDPE</b>						
JAN - JUNE 2006	0	0	2,600,683	1,327	0	1,202
JULY - DEC 2005	0	0	4,074,759	2,687	0	745
JAN - JUNE 2005	0	0	2,825,735	5,453	0	520
JULY - DEC 2004	0	0	2,416,849	1,565	0	-32
JAN - JUNE 2004	0	0	3,445,567	1,386	0	504

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# Biannual Report of Beverage Container Sales, Returns, Redemption & Recycling Rates

Table 1  
November 2, 2006



RATES			CONTAINERS			
#5 PP	Redemption	Recycling	Sales*	Recycled	Refillable	Postfilled
JAN - JUNE 2006	0	0	2,480,945	1,435	0	469
JULY - DEC 2005	0	0	3,053,088	12,256	0	7
JAN - JUNE 2005	53	49	21,762	10,721	0	936
JULY - DEC 2004	1	1	980,640	13,878	0	0
JAN - JUNE 2004	0	0	2,158,557	8,010	0	0
#6 PS						
JAN - JUNE 2006	1	1	13,025,818	102,976	0	5,368
JULY - DEC 2005	1	1	14,568,656	133,039	0	9,472
JAN - JUNE 2005	0	0	18,072,796	72,278	0	10,072
JULY - DEC 2004	0	0	20,742,541	38,411	0	19,314
JAN - JUNE 2004	0	0	31,925,111	43,744	0	2,925
#7 OTHER						
JAN - JUNE 2006	3	3	19,213,387	543,357	0	119,608
JULY - DEC 2005	5	5	17,670,749	837,017	0	38,585
JAN - JUNE 2005	8	8	12,116,761	964,056	0	38,339
JULY - DEC 2004	11	11	13,068,942	1,399,479	0	90,130
JAN - JUNE 2004	9	9	12,300,770	1,142,399	0	36,096
BIMETAL						
JAN - JUNE 2006	8	8	19,498,420	1,485,126	0	193,588
JULY - DEC 2005	7	7	25,169,391	1,706,165	0	214,359
JAN - JUNE 2005	9	8	22,009,149	1,802,386	0	218,569
JULY - DEC 2004	5	5	33,018,894	1,684,091	0	385,028
JAN - JUNE 2004	6	4	32,000,388	1,336,095	0	672,246
ALL MATERIALS						
JAN - JUNE 2006	66	65	9,552,690,419	6,198,231,118	600	448,409,570
JULY - DEC 2005	58	57	11,310,498,204	6,480,714,641	2,130	440,968,166
JAN - JUNE 2005	66	65	9,174,773,555	5,936,609,579	0	454,403,005
JULY - DEC 2004	57	56	11,040,750,849	6,218,666,256	68,451	428,810,502
JAN - JUNE 2004	65	63	9,196,745,437	5,815,906,837	60,416	409,266,233

## CALCULATION OF REDEMPTION AND RECYCLING RATES

A = number of empty beverage containers returned

B = refillables returned

C = postfilled food or drink packaging containers returned

D = number of beverage containers sold

$$\text{Redemption Rate} = \frac{A + B + [C - (0.05 \times (A + B))]}{D}$$

$$\text{Recycling Rate} = \frac{(A+B)}{D} \quad \text{(The value in brackets [ ] is included only when greater than zero.)}$$

CONTAINER PER POUND RATES (CRV/POSTFILLED)	ALUMINUM	GLASS	#1 PET	#2 HDPE	#3 PVC	#4 LDPE
JAN - JUN 2006	29.5/35.16	1.83/0.98	12.8/5.84	5.6/4.87	9.8/NA	41.6/NA
CONTAINER PER POUND RATES (CRV/POSTFILLED)	#5 PP	#6 PS	#7 OTHER	BIMETAL		
JAN - JUN 2006	9.0/NA	69.8/NA	11.3/NA	8.0/NA		

**FOOTNOTE:** \* Because of the delay between the time a container is distributed for sale and the time it is returned for recycling, the Department has determined the average "Return Time" as two months. The sales shown reflect this two month lag period.

\* Beginning 2003, all recycling and redemption rates are presented as whole numbers.